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(54) **APPARATUS AND A METHOD FOR METAL  
DETECTION INVOLVING A MOBILE  
TERMINAL WITH A DISPLAY**

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(57) **ABSTRACT**

An apparatus comprising at least one first signal loop configured to receive a first signal; at least one second signal loop magnetically coupled with the first signal loop configured to generate a second signal; a signal processor configured to monitor the second signal and determine the presence of at least one metal object dependent on the second signal.

